

to account satisfactorily for the whole appearance; which I should have looked upon as solved, could such an one have been discerned in a right situation. But here I beg to refer myself to the judgment of this Society; only shall observe, the two gaps we saw were directly interpos'd between the sun and their respective streaks.

J. Short.

XXIV. *A Catalogue of the Fifty Plants from Chelsea-Garden, presented to the Royal Society, by the worshipful Company of Apothecaries for the Year 1750, pursuant to the Direction of Sir Hans Sloane, Baronet, Med. Reg. & Soc. Reg. nuper Praeses, by John Wilmer, M. D. clariss. Societatis Pharmaceut. Lond. Soc. Hort. Chelf. Praefect. et Praelect. Botanic.*

Read May 2. 1401. 1758. **A** Butilon periplocæ acutiori folio, fructu stellato. Hort. Elt.

1402 Allium saxatile acori radice flore purpureo Bocc. Muf.

1403 Androface vulgaris latifolia annua Tourn. 123.

1404 Anemonospermus African. fol. & facie Taraxaci incanis Boeth.

1405 Aster Tripolii flore C. B.

1406 Aster cœruleus ferotinus frutescens Tradescant.

1407

1407 *Balsamita* fol. *Agerati* Vaill.  
Santolina spinosa fol. *Agerati* Boerh.

1408 *Carduus albis maculis notatus exotico flore albo*  
C. B. 381.

1409 *Camara* foliis subrotundis rugosis flore cœruleo  
Houst.

1410 *Carduus Creticus* *Rapi* folio Inst. R. H.

1411 *Cirsium tuberosum* *Lactucæ* capitulis spicatis  
Hort. Elt.

1412 *Cnicus exiguis* capite cancellato semine tomentofo T. Inst.

1413 *Cnicus orientalis* *Atractylis* lutea dictus altifimus T. Cor. 33.

1414 *Cnicus orientalis* *Atractylidis* folio flore Leucophæo T. Cor.

1415 *Collinsonia Americana* *Urticæ* foliis floribus ex albo purpur. Dillen.

1416 *Corindum ampliore* folio fructu majore T. 431.

1417 *Corindum* folio et fructu minori Tourn.

1418 *Elichrysum African.* fætidissim. calyce argenteo Tourn.

1419 *Eryngium montanum* *Amethystinum* capitulo majore pallecente T. 327.

1420 *Ferula* fol. glauco semine lato oblongo quibusdam *Thapsia ferulacea* C. B.

1421 *Hesperis Leucocii* folio non ferrato siliqua quadrangula J. R. H. 223.

1422 *Hieracium villosum* *Sonchus lanatus* Dalechampio dictum R. H. 231.

1423 *Hieracium Alpinum* *Scorzoneræ* folio Inst. R. H. 1472.

1424 *Horminum Napi* folio Mor. Hort. Reg. Bleff.

1425 *Jacea spinosa* alato caule capite lanuginoso C. B. P.

1426 *Jacea angustifolia minor Virginiana tuberosa*  
radice Banister

1427 *Jacea* fol. candicantibus laciniatis caliculis non  
splendentibus

1428 *Lychnidea Mariana elatior* Alsinæ aquatic. foliis  
floribus in longam spicam dense stipatis  
Pluk.

1429 *Lychnis oriental.* annua supina Antirrhini fol.  
fl. min. purp.

1430 *Lychnis viscosa* flore muscoso Ocimastræ facie  
C. B. P.

1431 *Marrubium album candidissimum et villosum*  
T. Cor.

1432 *Martynia* foliis serratis Lin. Hort. Cliff.

1433 *Medica marina major spinosa* Park. Theat.

1434 *Medicago Vulnerariæ facie Hispanica* Inst. R.  
H. 412.

1435 *Mimosa humilis frutescens et spinosa* siliquis  
conglobatis

1436 *Moldavica Betonicæ* fol. floribus majoribus  
cœruleis pendulis Am.

1437 *Oryza* Lobel. Icon. 31. Offic. 336.

1438 *Plantago maxima* Tartarica Gerberi

1439 *Scolymus Chrysanthemus annuus* A. R. Par.  
III.

1440 *Scorpioïdes Bupleuri* fol. corniculis asperis ma-  
gis in se contortis et convolutis Mor. Hist.

1441 *Sideritis Hispanica* frutescens seu lignosior I.  
R. H. 192.

1442 *Sonchus Lusitanicus* Asplenii folio

1443 *Stachys Lychnitis* Clusii

1444 *Tithymal. arboreus altissimus* fol. falicis cauli-  
bus rubentibus Boer.

1445 *Trifolium globosum repens* C. B. P. 329  
 1446 *Tordylium maximum* Inst. R. H. 320.  
 1447 *Tragofelinum maximum Austriacum* foliis magis incisis Boer.  
 1448 *Valeriana Lusitanica latifolia annua laciniata* Tourn. 132.  
 1449 *Verbena tenuifolia* C. B.  
 1450 *Urtica racemifera maxima Sinarum* foliis sub-tus argentea lanugine villosis. Pluk. Almag. 212.

---

XXV. *Some Observations upon the Sex of Flowers* by W. Watson, *F. R. S.* occasioned by a Letter upon the same Subject, by Mr. Mylius of Berlin.

*Extract of Mr. Mylius's Letter to Mr. Watson, dated at Berlin, Feb. 20, 1750-51.*

Read May 2. " **T**HE sex of plants is very well 1751. " confirmed by an experiment, " that has been made here on the *palma major* " *foliis flabelliformibus*. There is a great tree of this " kind in the garden of the royal academy. It has " flower'd and bore fruit these thirty years; but the " fruit never ripen'd; and when planted, it did not " vegetate. The palm-tree, as you know, is a *planta dioecia*; that is, one of those, in which the male " and female parts of generation are upon different " plants. We having therefore no male plant, the " Y " flowers